Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12RX
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Jan 28 03:24:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	20676	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	93318	20.00	ng		-0.01
39) Acenaphthene-d10	14.21	164	70251	20.00	ng		-0.01
64) Phenanthrene-d10	16.97	188	166961	20.00	ng		-0.01
76) Chrysene-d12	21.08	240	164870	20.00	ng		-0.01
87) Perylene-d12	23.28	264	185940	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	47386	44.89	ng		0.00
7) Phenol-d6	6.75	99	141463	83.86	ng		-0.01
23) Nitrobenzene-d5	8.70	82	171573	80.34	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	22851	21.37	ng		-0.01
45) 2-Fluorobiphenyl	12.83	172	359766	75.29	ng		-0.01
79) Terphenyl-d14	19.57	244	667971	74.10	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.78	94	9252	5.302	ng		84
20) 3+4-Methylphenols	8.33	107	10954	6.464	ng		91
32) Benzoic acid	9.80	122	8	4.710	ng	#	1
50) Dimethylphthalate	13.67	163	48197	8.330	ng		99
71) Phenanthrene	17.02	178	31046	3.419	ng		99
72) Anthracene	17.10	178	18180	2.057	ng		95
75) Fluoranthene	19.00	202	81270	6.802	ng		98
78) Pyrene	19.35	202	70311	5.806	ng		99
81) Benzo(a)anthracene	21.07	228	37528	3.268	ng		91
83) Chrysene	21.12	228	47863	4.277	ng		98
88) Benzo(b)fluoranthene	22.62	252	40771	3.480	ng	#	98
89) Benzo(k)fluoranthene	22.62	252	40771	3.569	ng	#	98
90) Benzo(a)pyrene	23.18	252	30484	2.740	ng	#	96

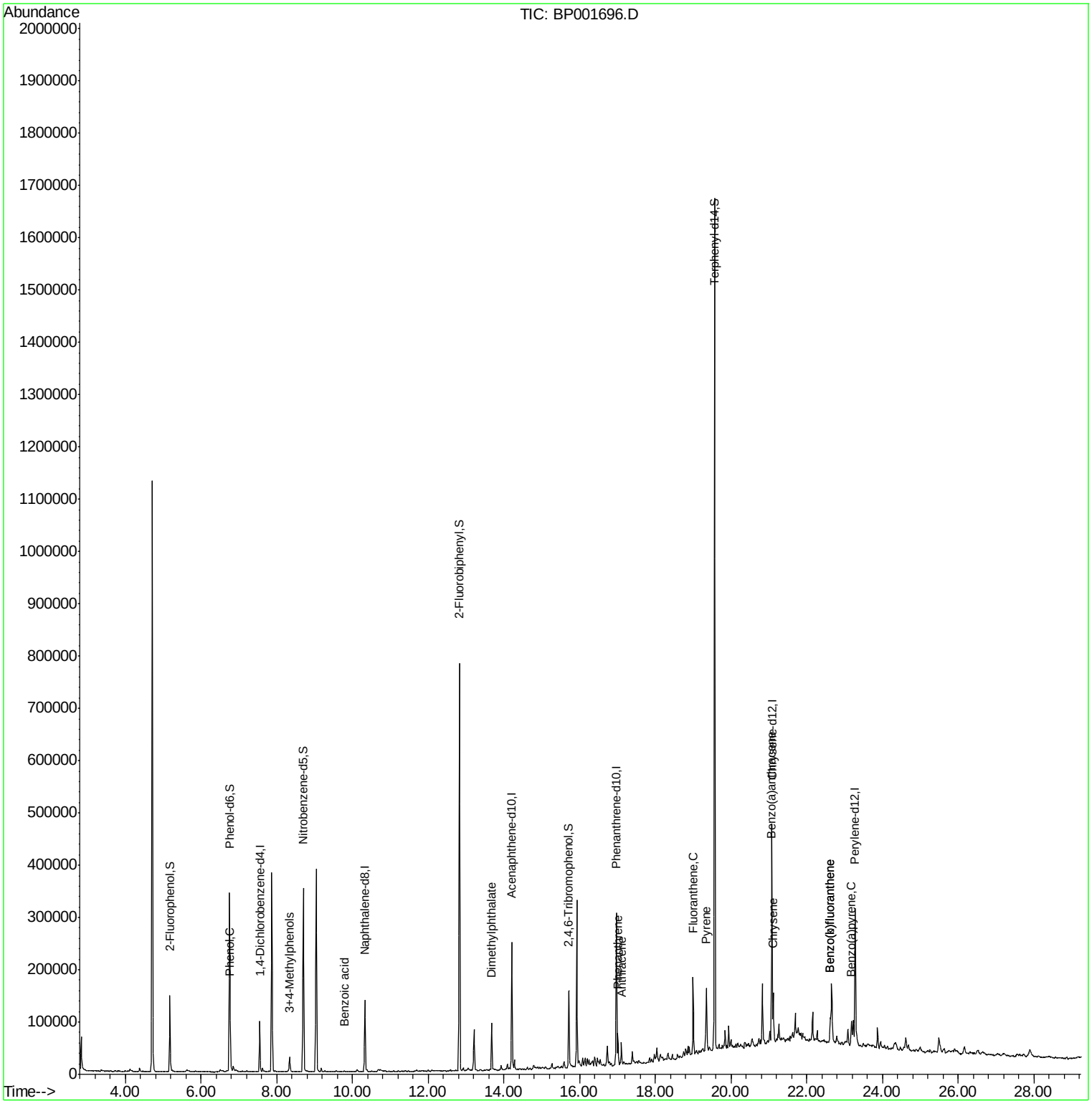
(#) = qualifier out of range (m) = manual integration (+) = signals summed

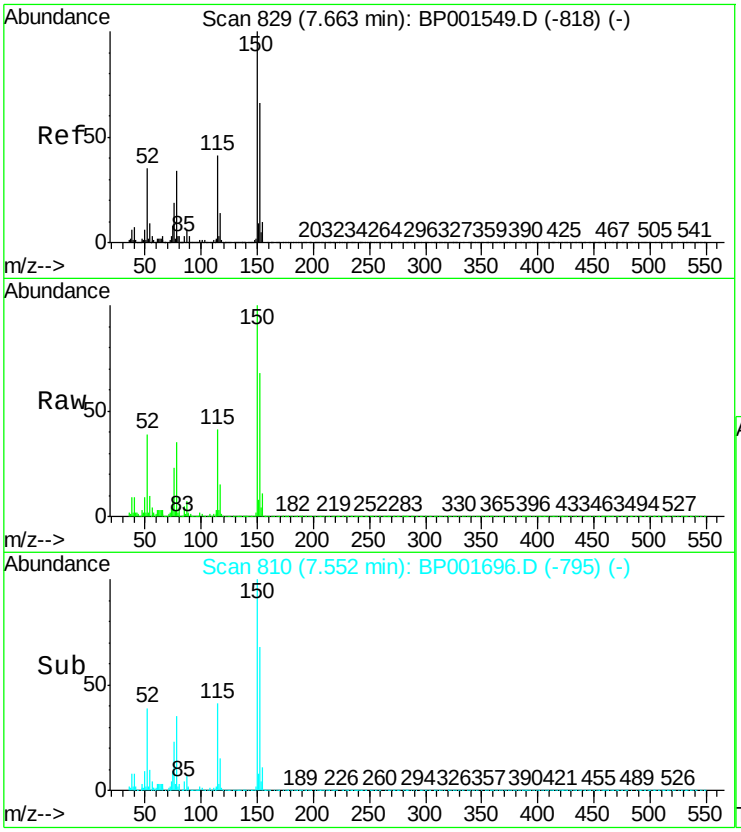
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12RX
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jan 28 03:24:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration



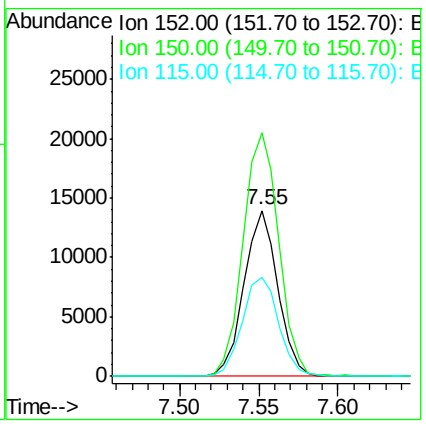


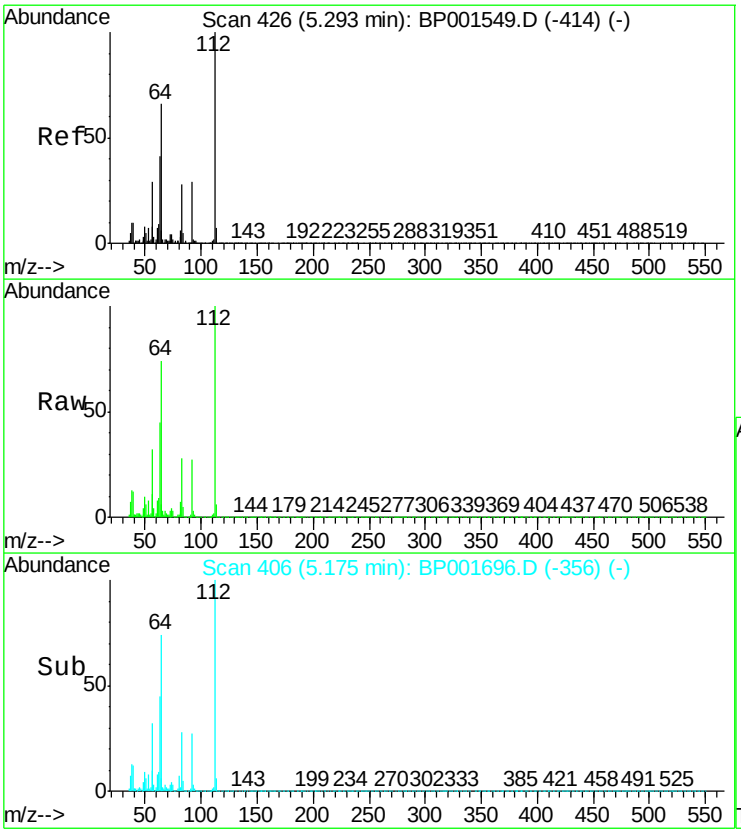
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 20676

Ion	Ratio	Lower	Upper
152	100		
150	147.0	122.0	183.0
115	60.1	50.7	76.1

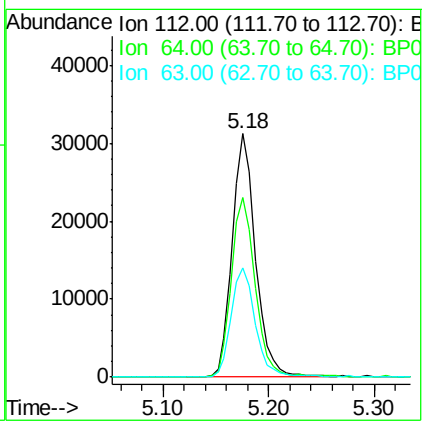


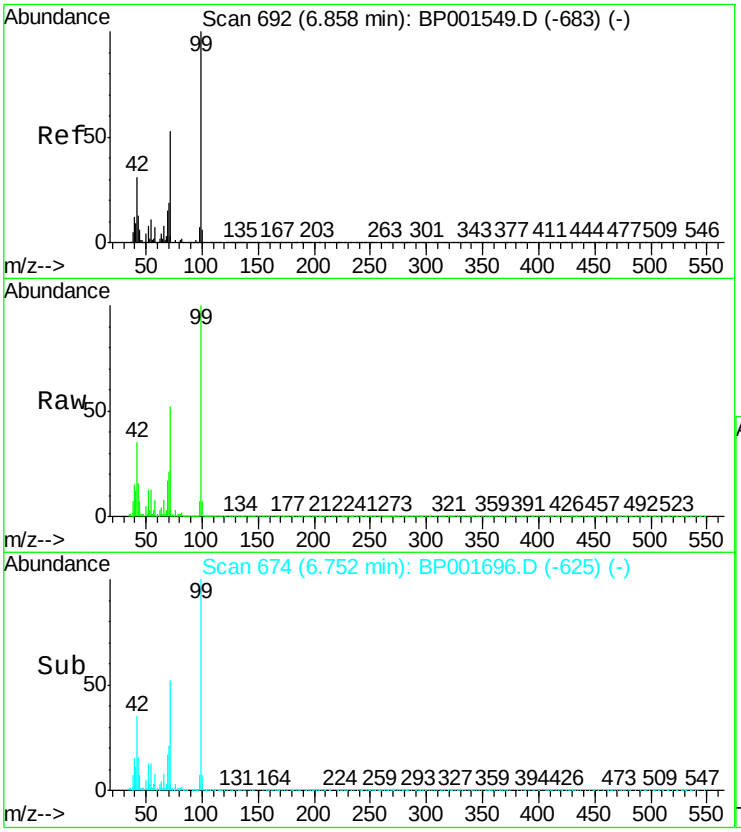


#5
2-Fluorophenol
Concen: 44.895 ng
RT: 5.18 min Scan# 406
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:112 Resp: 47386

Ion	Ratio	Lower	Upper
112	100		
64	73.5	52.8	79.2
63	44.6	33.1	49.7



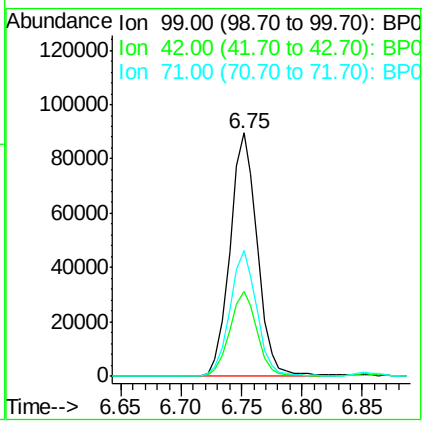


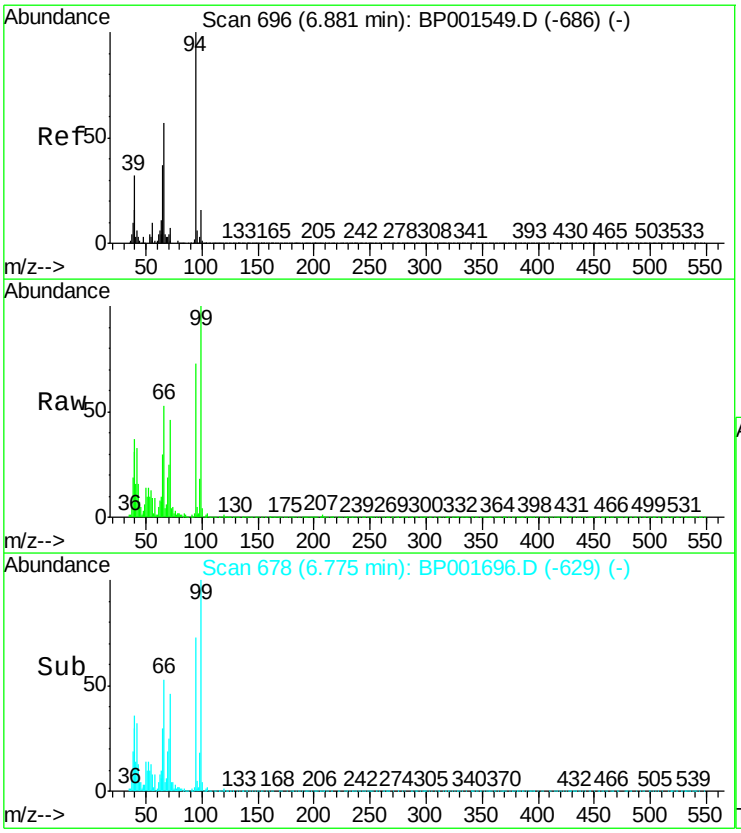
#7
Phenol-d6
Concen: 83.861 ng
RT: 6.75 min Scan# 674
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 141463

Ion	Ratio	Lower	Upper
99	100		
42	34.6	24.5	36.7
71	51.5	42.4	63.6

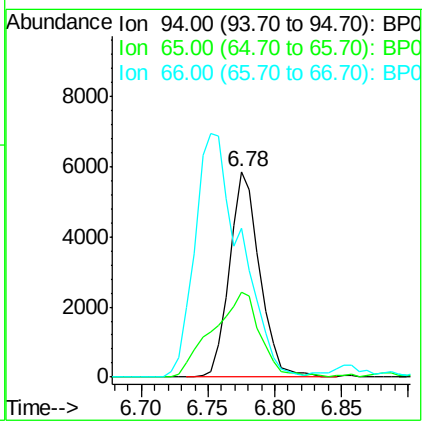


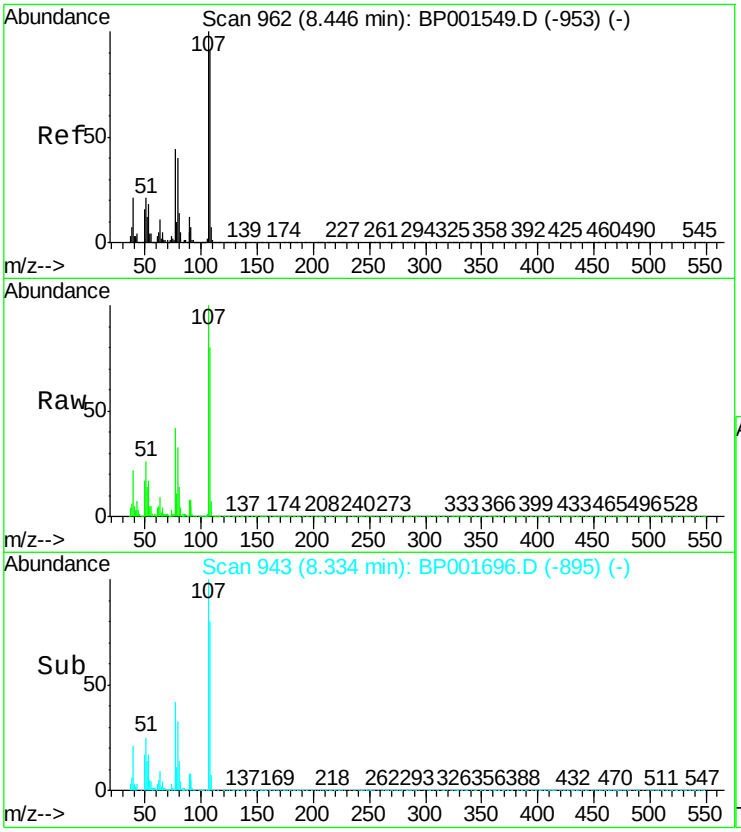


#10
Phenol
Concen: 5.302 ng
RT: 6.78 min Scan# 678
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion: 94 Resp: 9252

Ion	Ratio	Lower	Upper
94	100		
65	41.6	17.5	57.5
66	72.4	36.7	76.7



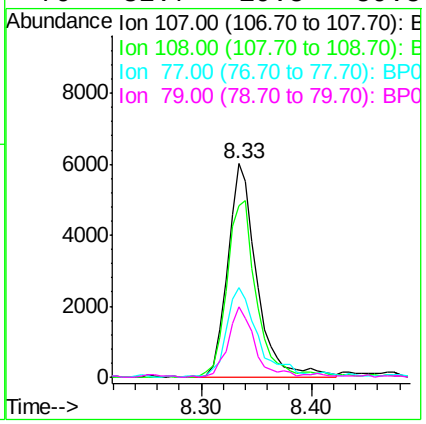


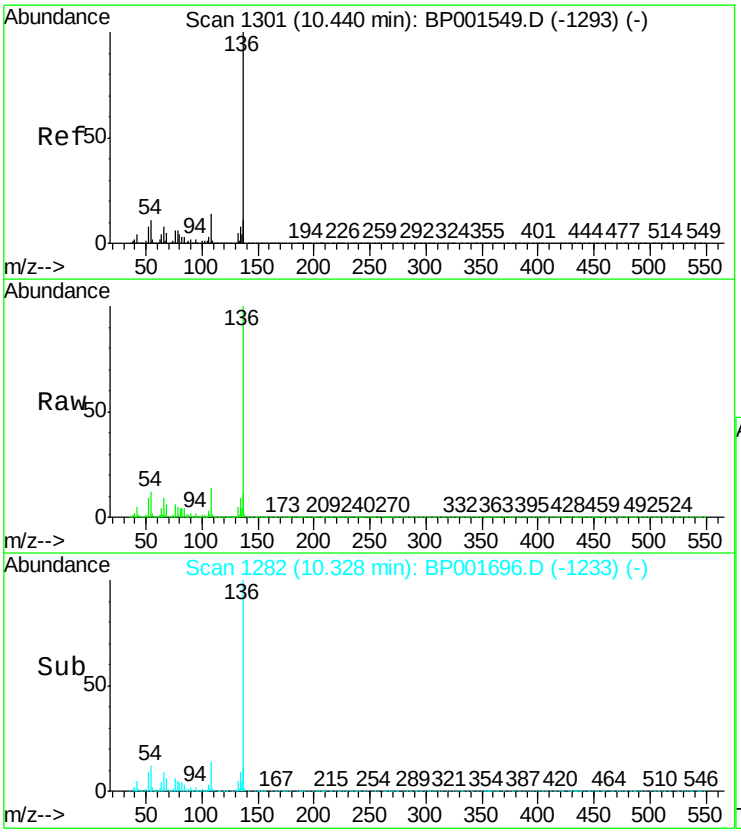
#20
3+4-Methylphenols
Concen: 6.464 ng
RT: 8.33 min Scan# 943
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:107 Resp: 10954

Ion	Ratio	Lower	Upper
107	100		
108	80.3	71.2	111.2
77	42.2	24.4	64.4
79	32.7	19.5	59.5

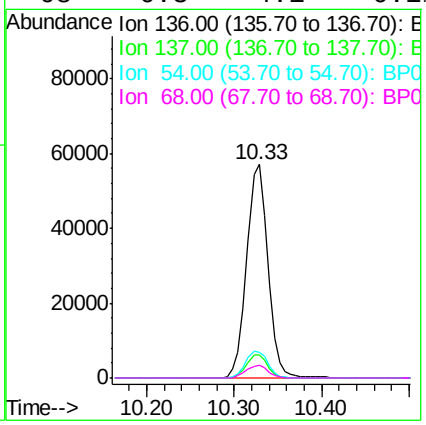


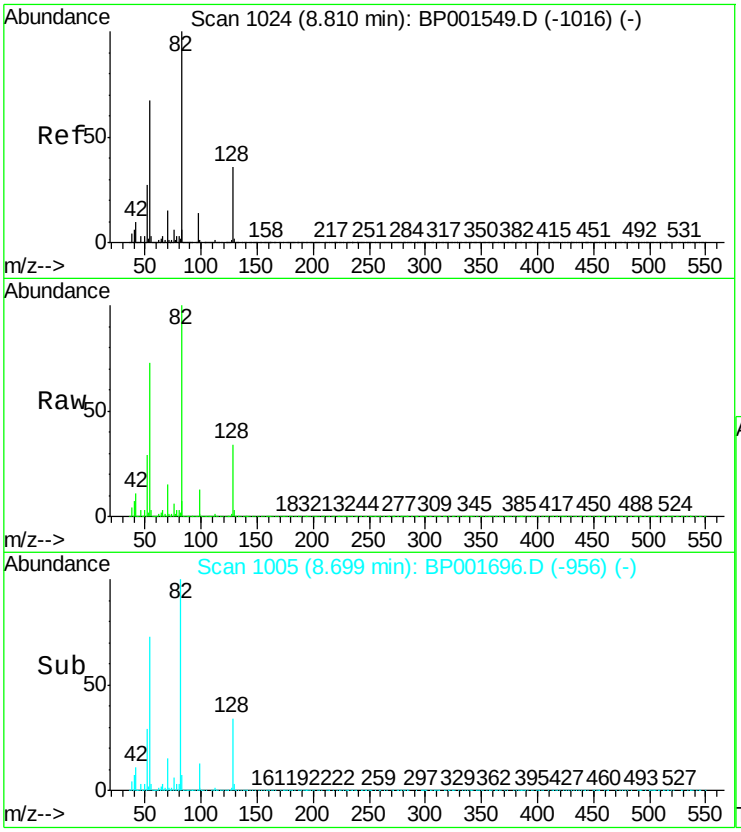


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:136 Resp: 93318

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	12.0	9.2	13.8
68	6.3	4.1	6.1#



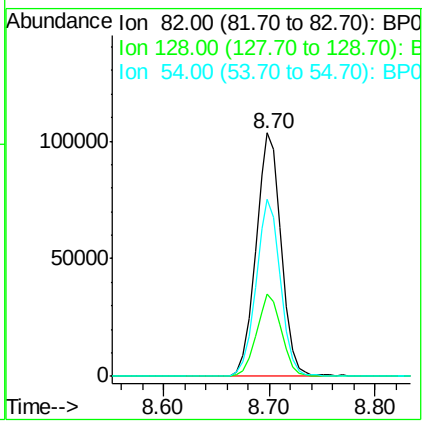


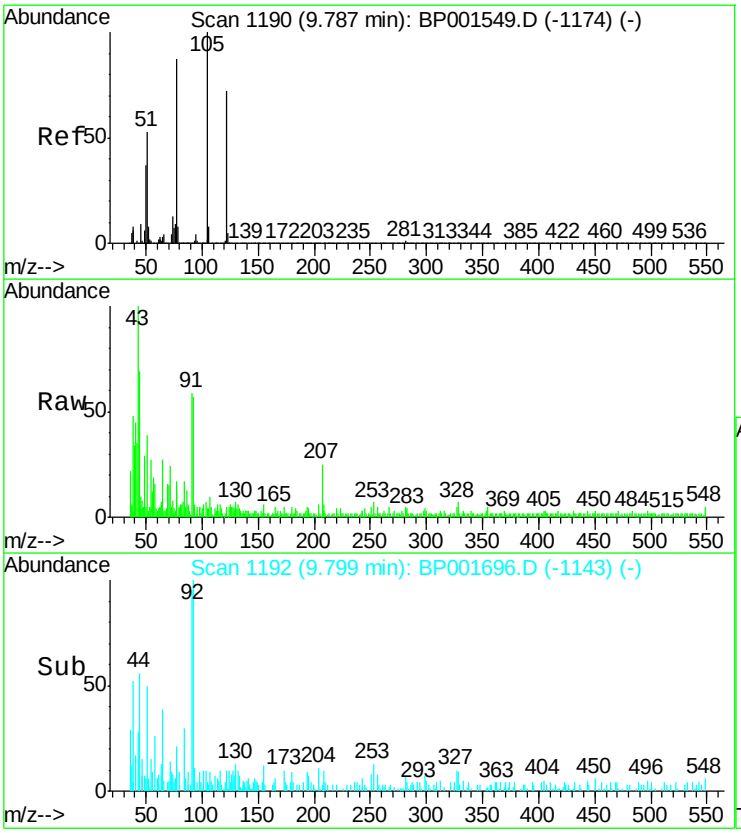
#23
Nitrobenzene-d5
Concen: 80.342 ng
RT: 8.70 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 171573

Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.4	42.6
54	72.5	53.4	80.2

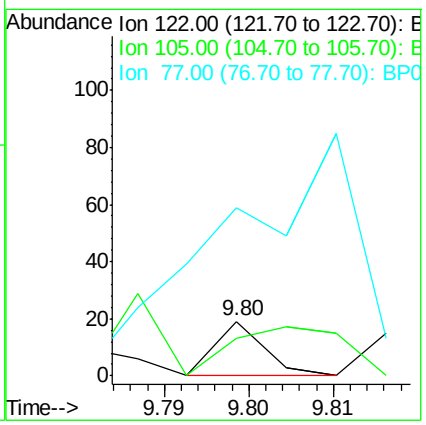


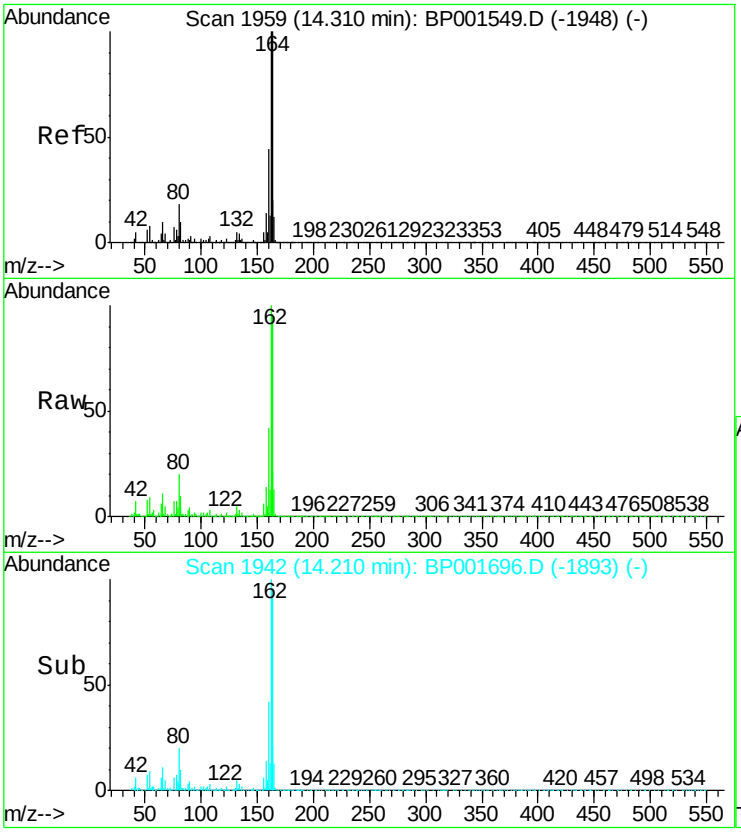


#32
Benzoic acid
Concen: 4.710 ng
RT: 9.80 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:122 Resp: 8

Ion	Ratio	Lower	Upper
122	100		
105	65.0	119.5	159.5#
77	295.0	102.8	142.8#



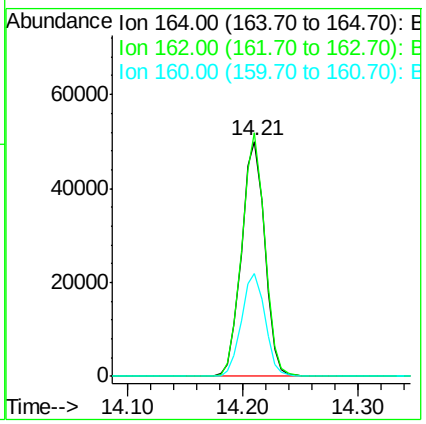


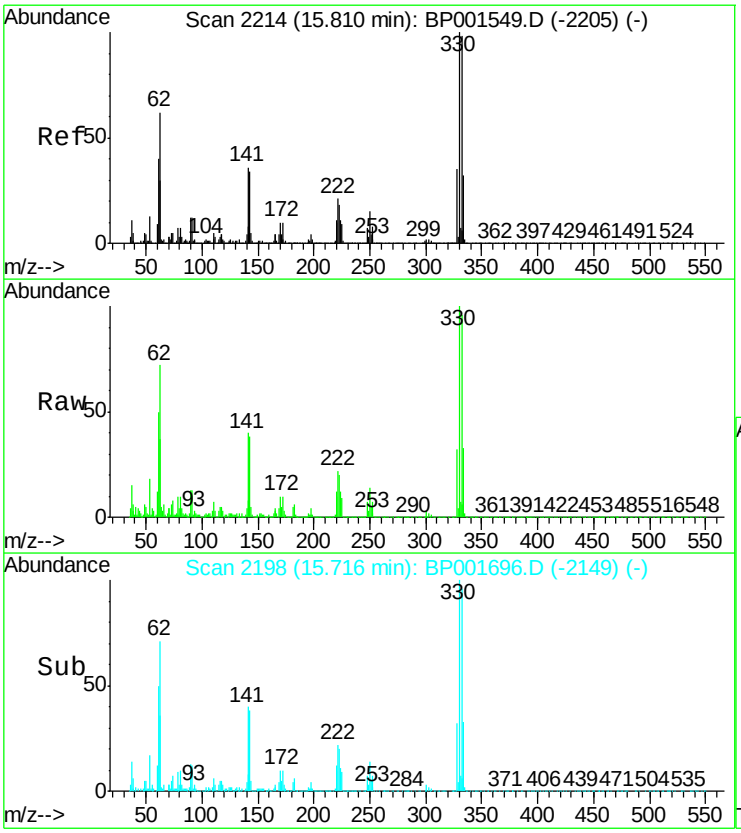
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 70251

Ion	Ratio	Lower	Upper
164	100		
162	103.7	79.8	119.6
160	43.9	35.0	52.6

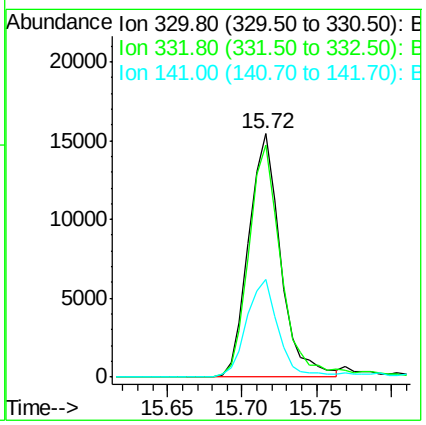


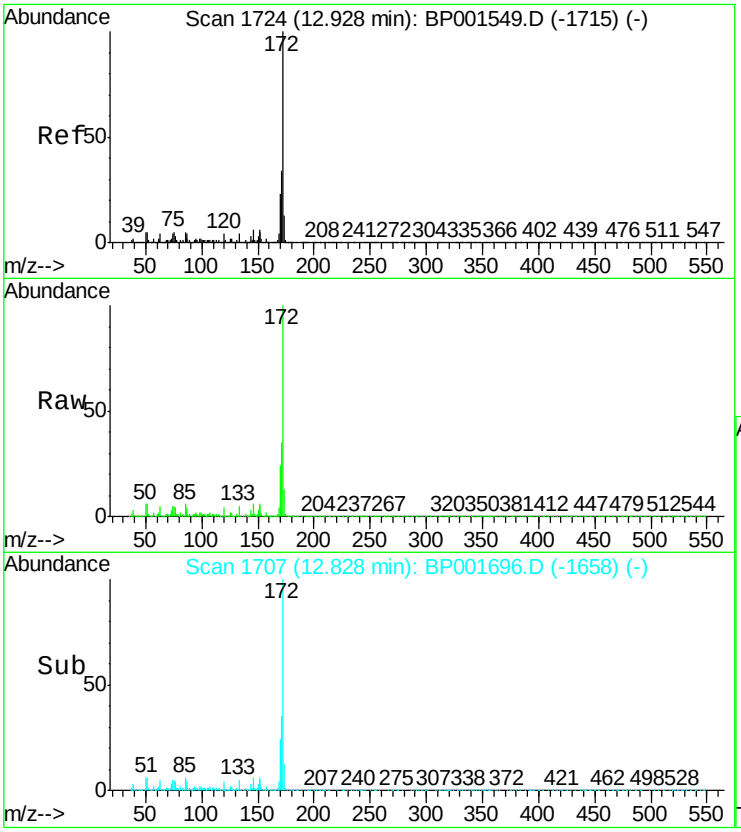


#42
2,4,6-Tribromophenol
Concen: 21.369 ng
RT: 15.72 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:330 Resp: 22851

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.8	116.6
141	39.7	28.7	43.1



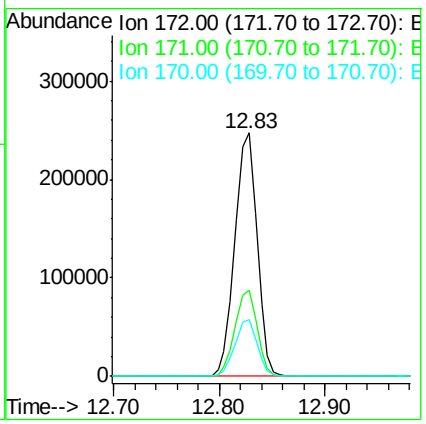


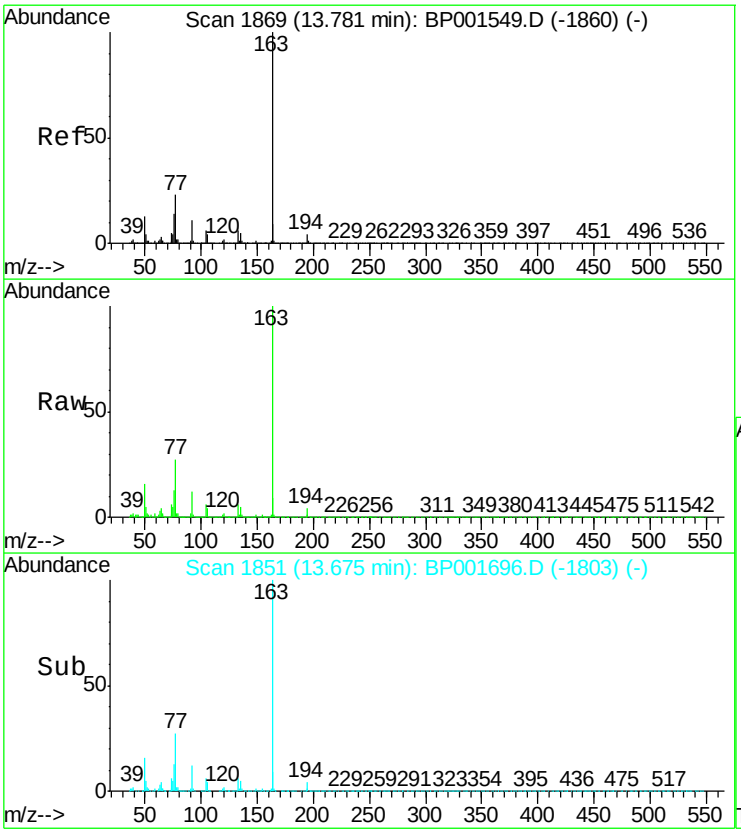
#45
2-Fluorobiphenyl
Concen: 75.295 ng
RT: 12.83 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 359766

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	23.5	18.3	27.5

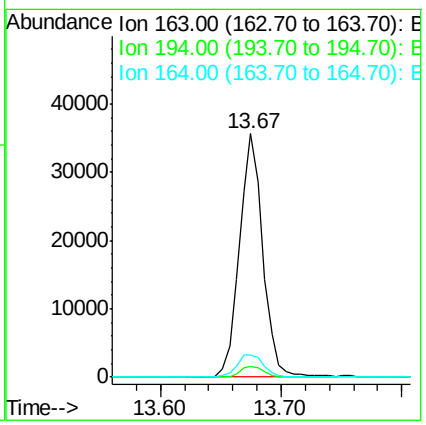


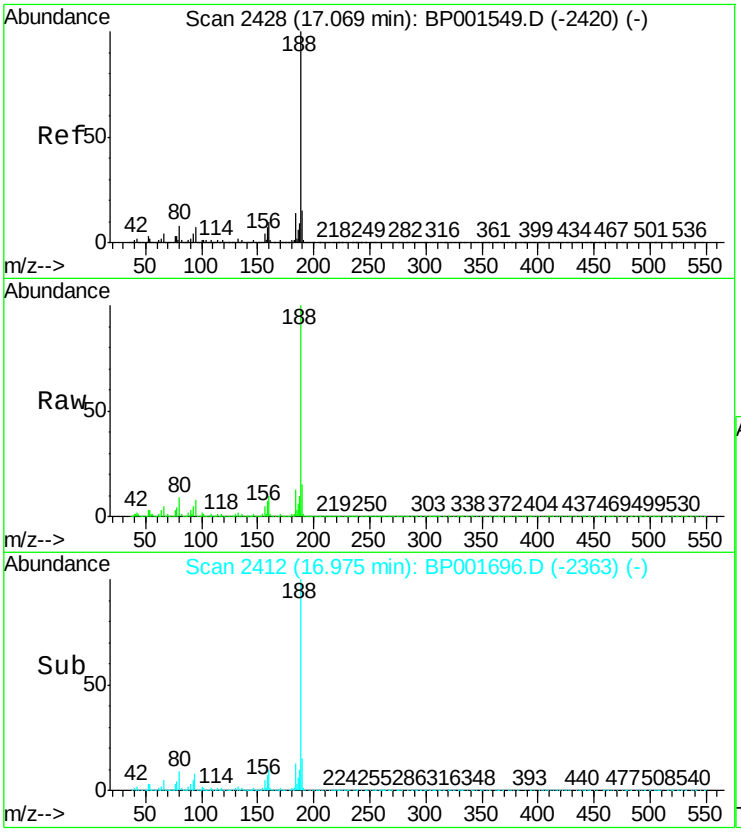


#50
Dimethylphthalate
Concen: 8.330 ng
RT: 13.67 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:163 Resp: 48197

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.0	7.5	11.3



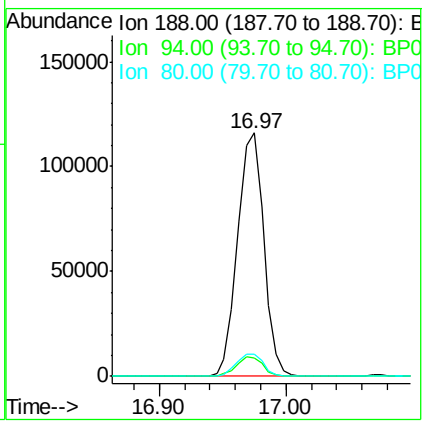


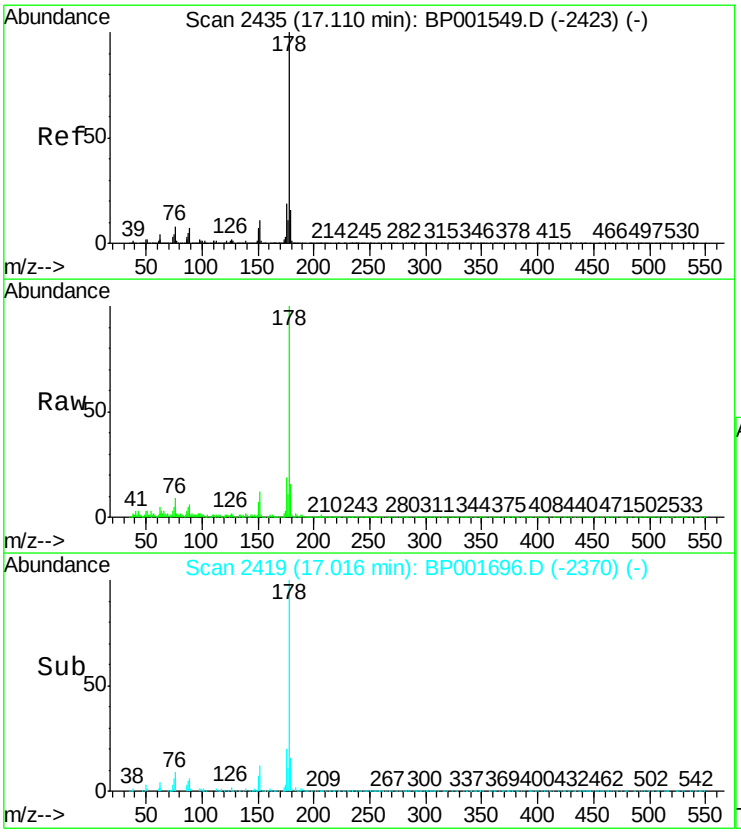
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 166961

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.9	8.9
80	8.9	6.8	10.2

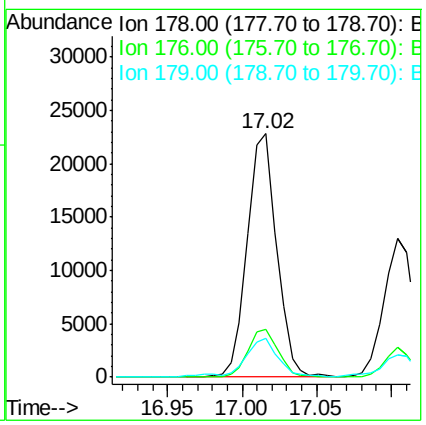


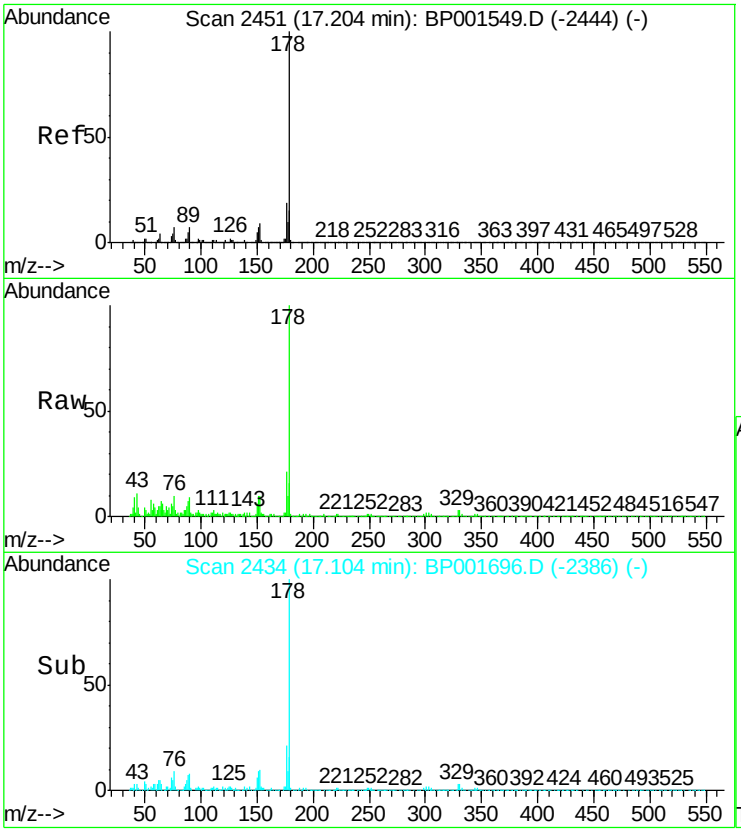


#71
Phenanthrene
Concen: 3.419 ng
RT: 17.02 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:178 Resp: 31046

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	16.0	12.5	18.7



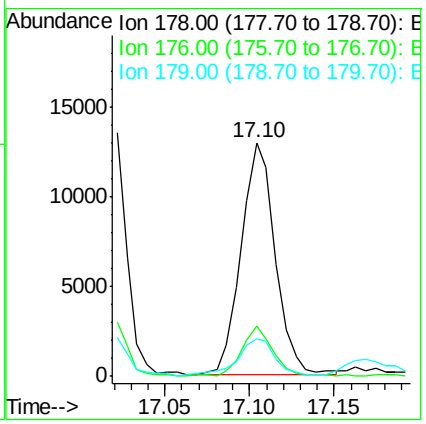


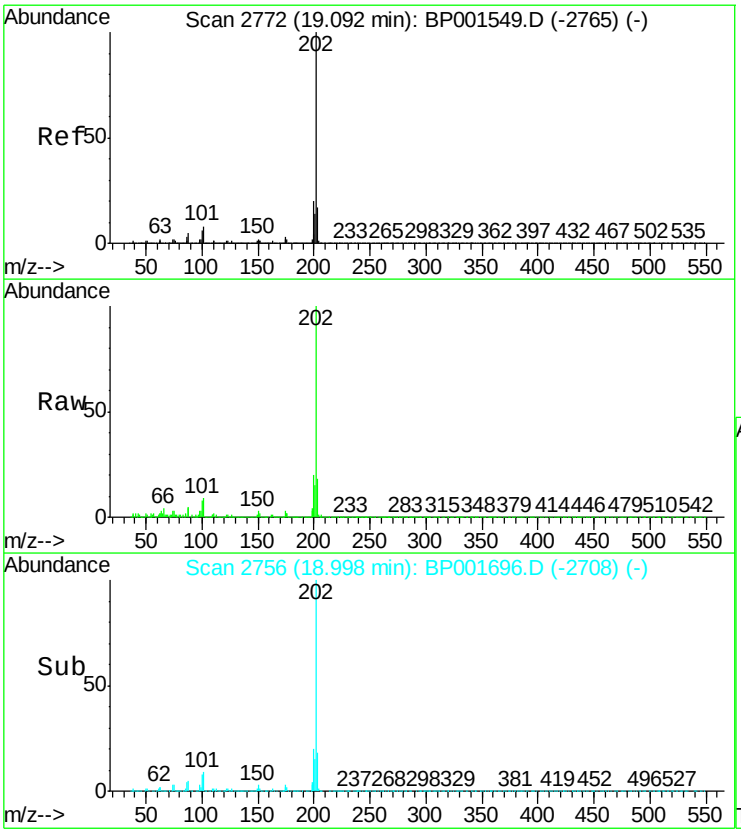
#72
Anthracene
Concen: 2.057 ng
RT: 17.10 min Scan# 2434
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 18180

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.6
179	16.3	11.8	17.8

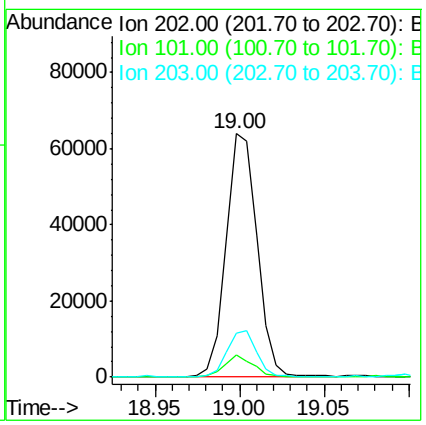


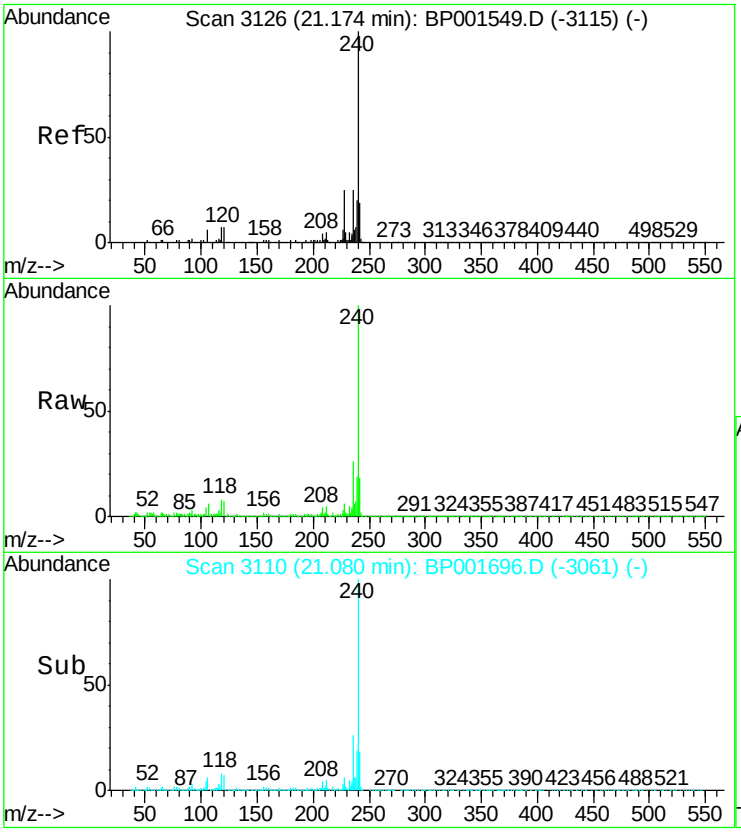


#75
Fluoranthene
Concen: 6.802 ng
RT: 19.00 min Scan# 2756
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:202 Resp: 81270

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.4
203	18.0	0.0	37.4



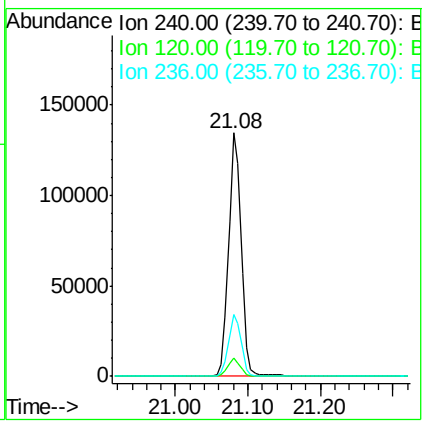


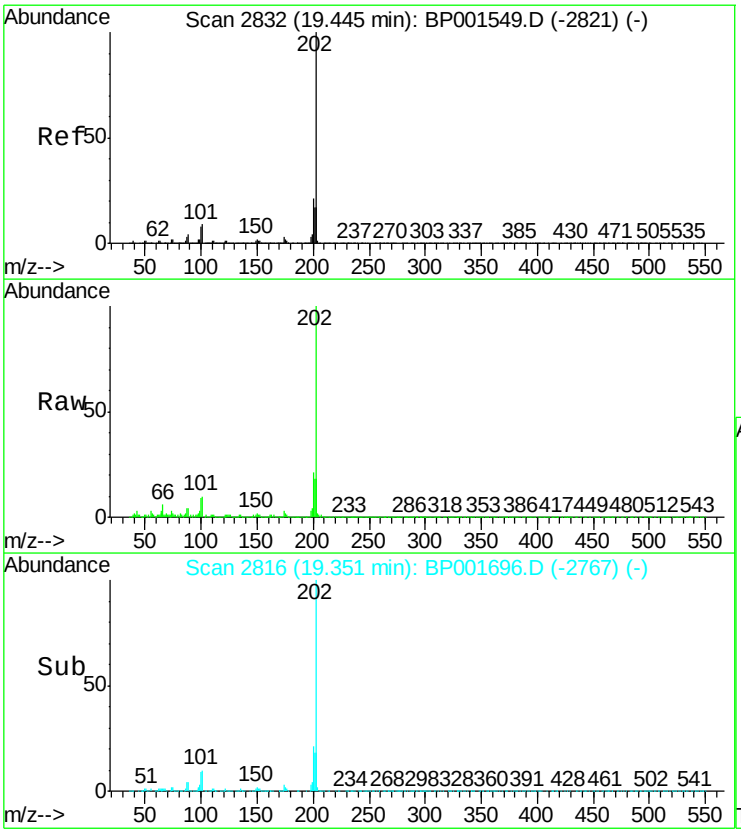
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 164870

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.7	8.5
236	25.5	20.4	30.6

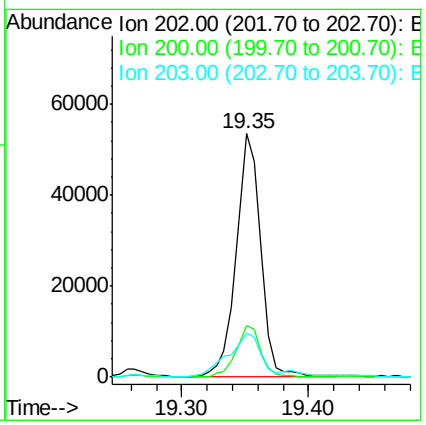


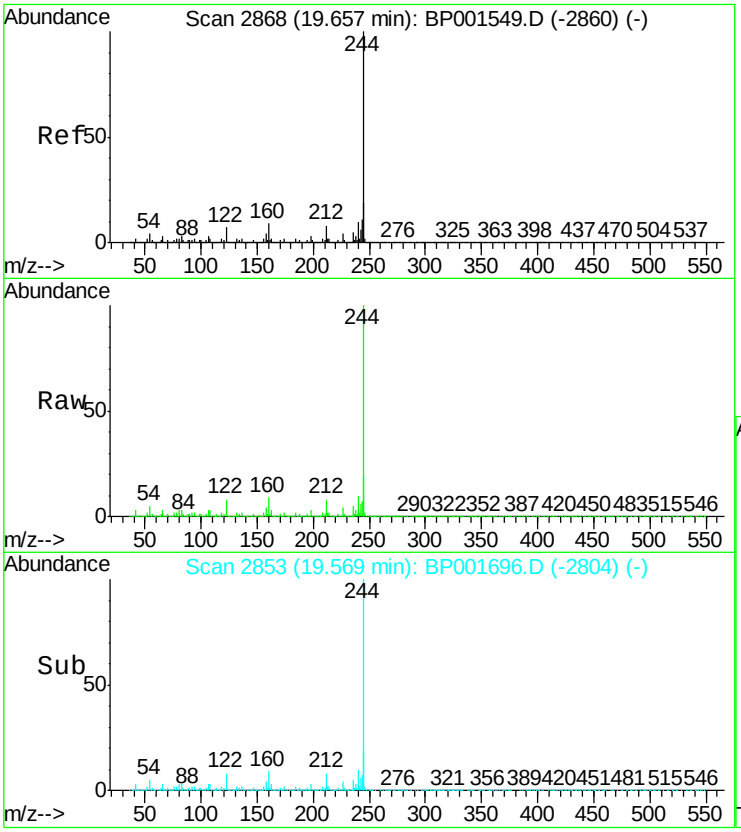


#78
Pyrene
Concen: 5.806 ng
RT: 19.35 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:202 Resp: 70311

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.9	13.7	20.5



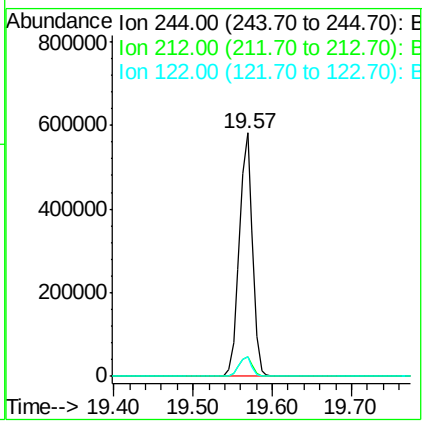


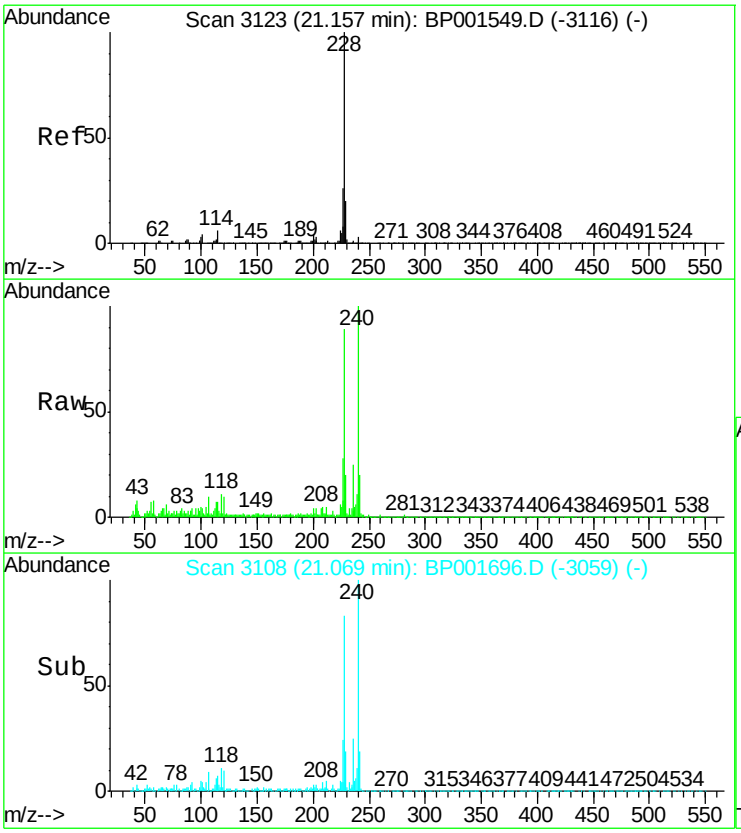
#79
Terphenyl-d14
Concen: 74.103 ng
RT: 19.57 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 667971

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	8.0	5.8	8.6

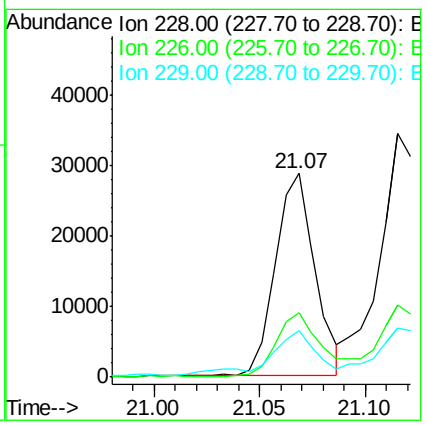


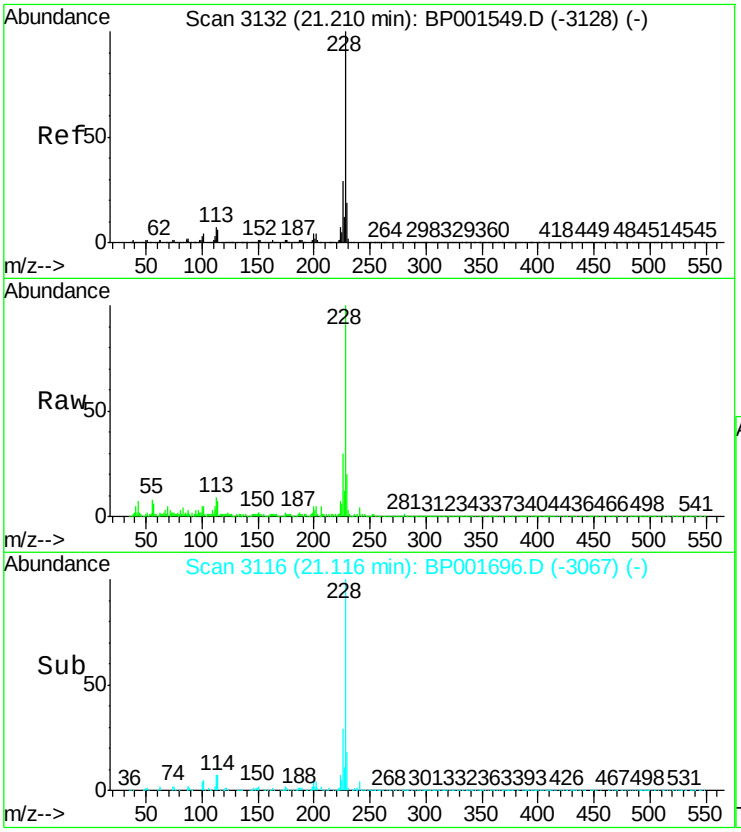


#81
Benzo(a)anthracene
Concen: 3.268 ng
RT: 21.07 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:228 Resp: 37528

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.2	31.8
229	23.1	16.1	24.1



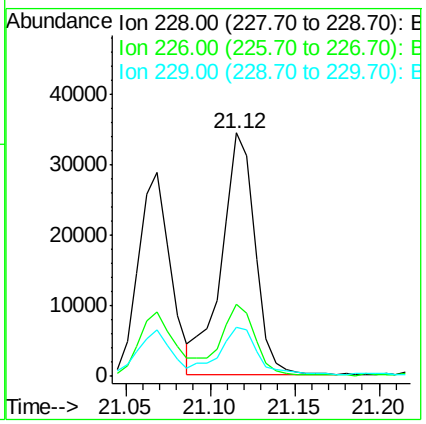


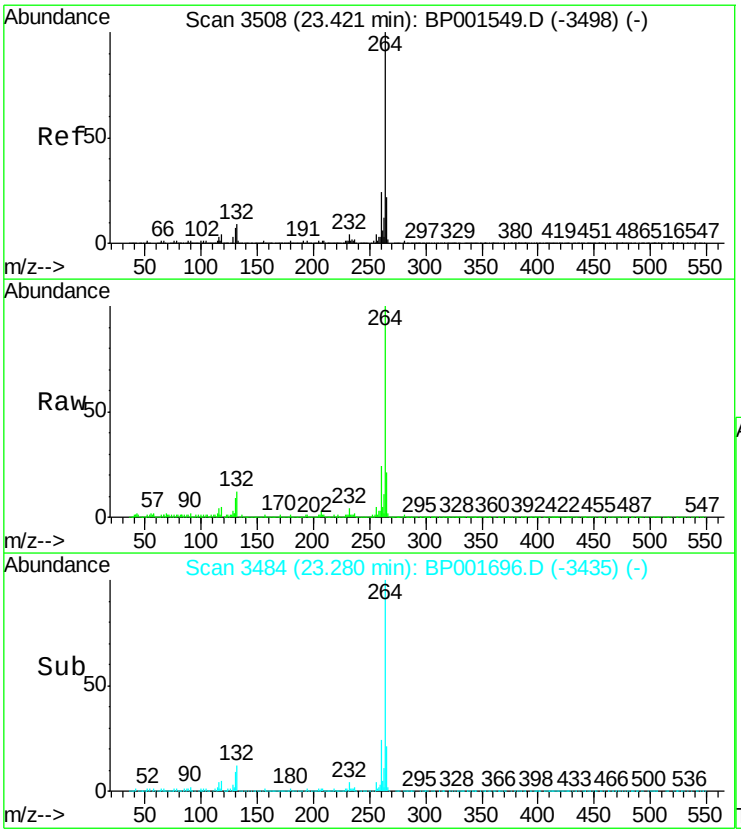
#83
Chrysene
Concen: 4.277 ng
RT: 21.12 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 47863

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	20.0	15.2	22.8

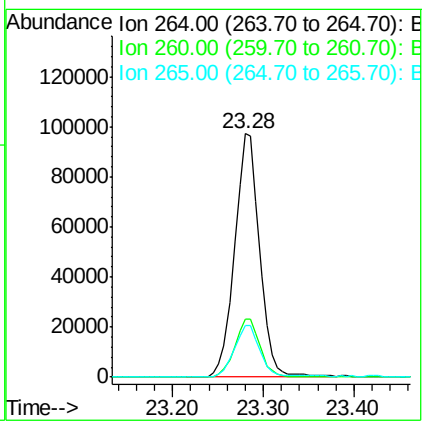


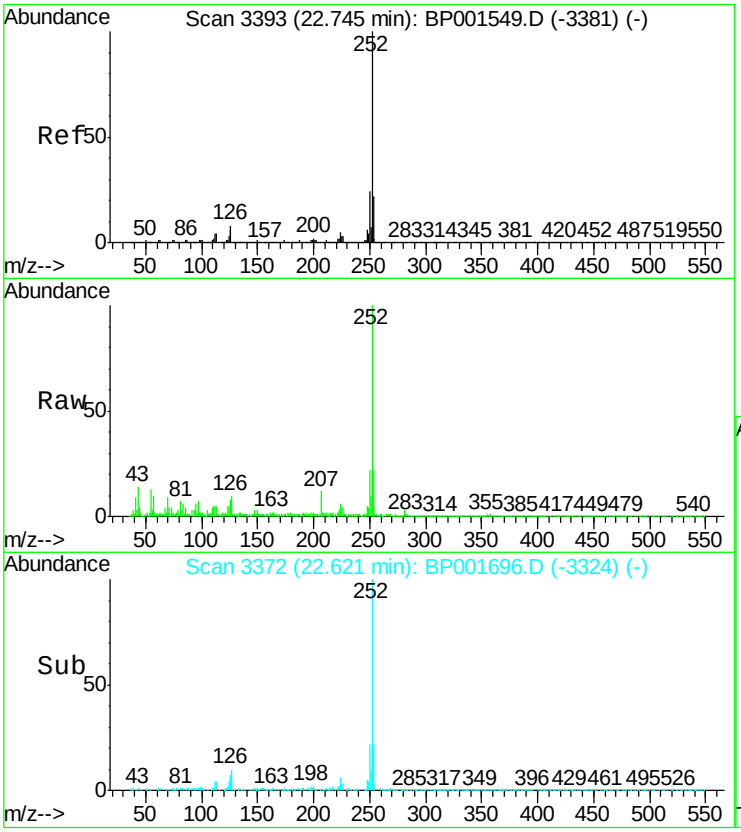


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:264 Resp: 185940

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.3	18.2	27.4



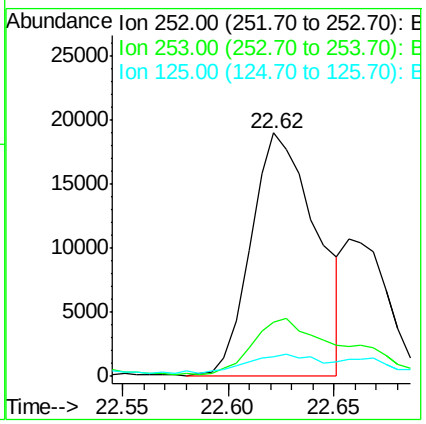


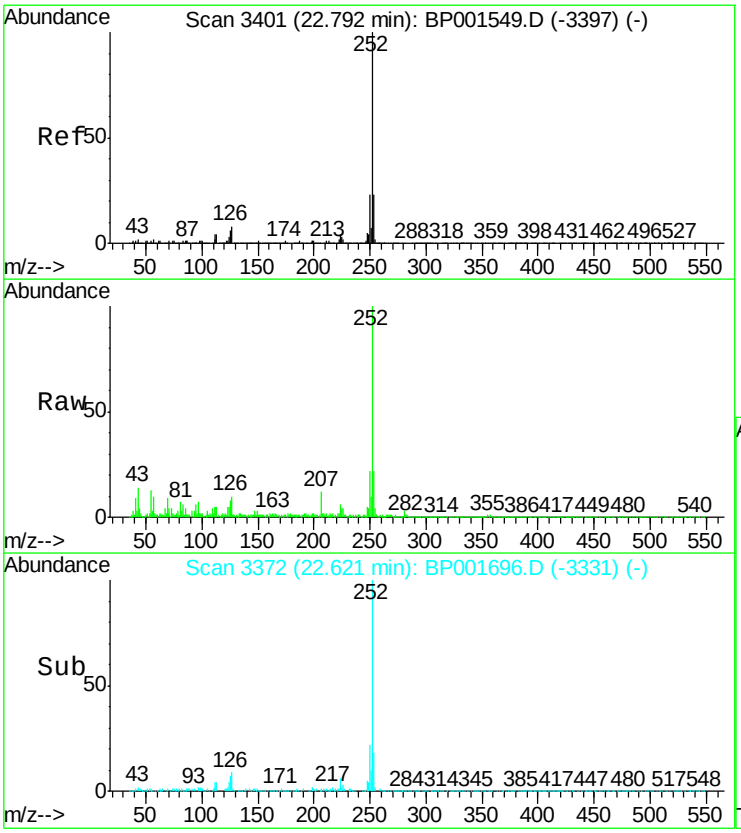
#88
Benzo(b)fluoranthene
Concen: 3.480 ng
RT: 22.62 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 40771

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.2	4.6	7.0#

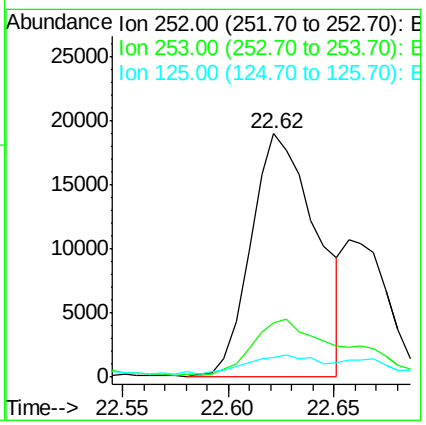


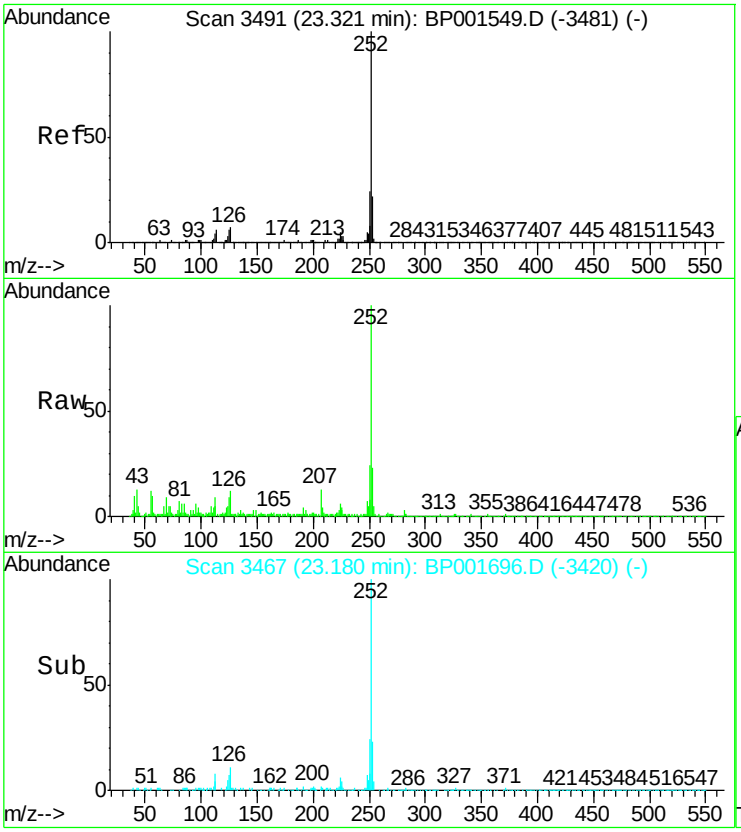


#89
Benzo(k)fluoranthene
Concen: 3.569 ng
RT: 22.62 min Scan# 3372
Delta R.T. -0.06 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion:252 Resp: 40771

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.2	4.6	6.8#





#90
Benzo(a)pyrene
Concen: 2.740 ng
RT: 23.18 min Scan# 3467
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 30484

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.4	5.0	7.4#